

## Formatted Alignments

FL Dog Cath Protein Met-Stop  
 PR-39 cDNA Translation  
 Il37 full length  
 cramp full length  
 Goat Cath-P82018 Bactenecin 5  
 (SEQ ID NO: 34)

```

      10      20      30
M E T Q R S S L G R W S L L L L L G L V P A I A
D P L C W M G F S Q S - S
K N G H D V P W L R S S G F S Q - -
Q F D V P W L R S S G F S Q - -

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      40      50      60
R A L S Y R E A V L R A V D N G F E Q E Q
Q A L S Y R E A V L R A V D N G F E Q E Q
- T P S Y R E A V L R A V D N G F E Q E Q
Q A L S Y R E A V L R A V D N G F E Q E Q

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      70      80      90
T N S Q K K D D D D N I P K D S H P K D S H P
L D Q P K K A D D D G T A D D D G T A D D D G
L D P R T M G D D D D D D D D D D D D D D D
L D P E Q G D D D D D D D D D D D D D D D
L D P A N D V D D D G T R P S S S S S S S S S

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      100      110      120
Q Q P P E C D F K E N G L V K Q C G T V T L N P S
Q Q P P E C D F K E N G L V K Q C G T V T L N P S
Q Q P P E C D F K E N G L V K Q C G T V T L N P S
Q Q P P E C D F K E N G L V K Q C G T V T L N P S

```

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      130      140      150
F D I S C N E P G Q V R R P P I R P P R P P F N
F D I S C N E P G Q V R R P P I R P P R P P F N
F D I S C N E P G Q V R R P P I R P P R P P F N
F D I S C N E P G Q V R R P P I R P P R P P F N

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      160      170      180
K I G R I Q R I K F L P R K I G R I Q R I K F
K I G R I Q R I K F L P R K I G R I Q R I K F
K I G R I Q R I K F L P R K I G R I Q R I K F
K I G R I Q R I K F L P R K I G R I Q R I K F

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FIG. 1